

Title (en)
RELAY DEVICE AND PRESSURE DETECTION DEVICE

Title (de)
RELAISVORRICHTUNG UND DRUCKDETEKTOR

Title (fr)
DISPOSITIF DE RELAIS ET DISPOSITIF DE DÉTECTION DE PRESSION

Publication
EP 3552797 A1 20191016 (EN)

Application
EP 17878370 A 20171010

Priority
• JP 2016238554 A 20161208
• JP 2017036590 W 20171010

Abstract (en)
A relay device and a pressure detection device are provided that are configured to eliminate the necessity of calibrating an output value from a pressure sensor in the pressure detection device even when a mold is replaced. A relay device (70) for a pressure detection device (100) provided with a pressure sensor (S1 to Sn) configured to detect an inner pressure in a cavity (CT) of a mold (51) of an injection molding machine (1) is provided. The relay device (70) is integrally fixed to the mold (51). The relay device (70) includes a storage (71) configured to store specific information of the pressure sensor (S1 to Sn) provided to the mold (51) to detect the inner pressure of the cavity (CT), the cavity (CT) being defined between a fixed-side mold (53) and a movable-side mold (58) of the mold (51).

IPC 8 full level
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CPC (source: EP KR US)
B22D 17/32 (2013.01 - EP KR US); **B22D 18/02** (2013.01 - EP KR US); **B29C 45/26** (2013.01 - EP KR US); **B29C 45/4005** (2013.01 - KR); **B29C 45/77** (2013.01 - EP KR US); **G01L 7/00** (2013.01 - EP KR); **G01L 27/00** (2013.01 - EP KR); **G01L 27/005** (2013.01 - US); **B29C 2945/76006** (2013.01 - EP KR); **B29C 2945/76244** (2013.01 - EP KR); **B29C 2945/76257** (2013.01 - EP)

Designated contracting state (EPC)
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